



**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below in an envelope as "Express Mail Post Office to Addressee" mailing Label Number ER443876609US addressed to:

Commissioner for Patents, P.O. Box 1450  
Alexandria, VA 22313-1450

*Rhonda Goodloe*

Signature of Depositor

Rhonda Goodloe

Print Name of Depositor

Date: December 2, 2003

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DEC 09 2003  
TECHNOLOGY CENTER R3700

**IN THE UNITED STATES**

**PATENT AND TRADEMARK OFFICE**

Confirmation No.:	3734	)
		)
Applicant:	EASTERBROOK, Eric T.	)
		)
Serial No.:	10/066,408	) Art Unit:
		) 3725
Filed:	January 30, 2002	)
		) Examiner:
Title:	METHOD AND APPARATUS FOR	) CRANE, D.
	IMPROVING THE FATIGUE LIFE OF	)
	COMPONENTS AND STRUCTURES	)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. SECTION 1.111**

Sir:

This is response to the first Office action on the merits in this application, mailed June 2, 2003. Pursuant to 37 C.F.R. § 1.111, the applicant respectfully requests reconsideration and further examination of his application, in view of the amendments, response, comments, and clarifications contained herein. The amendments are as follows:

12/08/2003 MDAWTE1 00000024 10066408

04 FC:2202	342.00 OP
05 FC:2201	301.00 OP



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TRANSMITTAL OF ANNOTATED MARKED-UP DRAWINGS  
WITH ATTACHED REPLACEMENT SHEETS  
Attorney Docket No.: SI1-2627-U-C5

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Alexandria, VA 22313-1450

TRANSMITTAL OF ANNOTATED MARKED-UP DRAWINGS  
WITH ATTACHED REPLACEMENT SHEETS

Sir:

In response to the Examiner's Office Action mailed June 2, 2003, and in accordance with the revised amendment (37 C.F.R. 1.121 (a) (3) (ii)), enclosed please find:

- (a) Sheet "2" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 2" for changes to Fig. 7.

- (b) Sheet "5" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 5" for changes to Fig. 21.
- (c) Sheet "6" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 6" for changes to Fig. 26 and Fig. 31.
- (d) Sheet "21" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 21" for changes to Fig. 57.
- (e) Sheet "22" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 22" for changes to Fig. 61.
- (f) Sheet "23" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 23" for changes to Fig. 68.
- (g) Sheet "26" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 26" for changes to Figs. 76 and 77.
- (h) Sheet "38" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 38" for changes to Fig. 131.
- (i) Sheet "42" labeled "Annotated Marked-Up Drawings" with accompanying "Replacement Sheet 42" for changes to Fig. 148.

TRANSMITTAL OF ANNOTATED MARKED-UP DRAWINGS  
WITH ATTACHED REPLACEMENT SHEETS  
Attorney Docket No.: SI1-2627-U-C5

- (j) Sheet "43" labeled "Annotated Marked-Up Drawings"  
with accompanying "Replacement Sheet 43" for changes  
to Figs. 150 and 151.

Date: December 2, 2003

Phone: 253-859-9128

Fax: 253-859-8915

Customer No. 20793

Respectfully submitted,



SIGNATURE OF ATTORNEY

R. Reams Goodloe, Jr.  
Reg. No. 32,466

24722-104th Avenue, S.E.  
Suite 102  
Kent, Washington  
98030-5322



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**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. ☒ Applicant hereby asserts status as a small entity  
under 37 C.F.R. § 1.27.  
☐ other than a small entity.

**EXTENSION OF TERM**

3. The proceedings herein are for a patent application and the provisions of 37 CFR § 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☒ Applicant petitions for an extension of time under  
37 CFR § 1.136 (fees: 37 CFR § 1.17(a)(1)-(4) for  
the total number of months checked below.

EXTENSION (months)	FEE FOR OTHER THAN SMALL ENTITY	FEE FOR SMALL ENTITY
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 420.00	\$ 210.00
<input checked="" type="checkbox"/> three months	\$ 950.00	\$ 475.00
<input type="checkbox"/> four months	\$ 1,480.00	\$ 740.00

**FEE: \$475.00**

If an additional extension of time is required, please consider this a petition therefore.

*(check and complete the next time, if applicable)*

- ☐ An extension for \_\_\_\_\_ months has already been secured. The fee paid therefore of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request: \$\_\_\_\_\_

OR

- (b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition \ for extension of time.

#### FEE FOR CLAIMS

4. The fee for claims (37 CFR § 1.16(b)-(d) has been calculated as shown below:

(Col. 1)			(Col. 2)	(Col. 3)	SMALL ENTITY		
CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	
TOTAL	124	MINUS	86	= 38	x \$ 9	=	\$ 342
INDEP.	20	MINUS	13	= 7	x \$43	=	\$ 301
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ \$145		=	\$ N/A
				TOTAL ADDITIONAL FEE			\$ 643

*(complete (c) or (d), as applicable)*

(c) ☐ No additional fee for claims is required.

OR

(d) ☒ Total additional fee for claims required \$643.00.

**FEE PAYMENT**

5. ☒ Attached is a check in the sum of \$1298.00, which includes the fee of \$180.00 for filing an Information Disclosure Statement. A separate check in the amount of \$55.00 is provided in payment of the fee for filing a Terminal Disclaimer in this patent application.

☐ Charge Account No. 07-1613 the sum of \$\_\_\_\_\_.

☐ A duplicate copy of this transmittal is attached.

**FEE DEFICIENCY**

☒ If any additional extension and/or fee is required, charge Account No. 07-1613.

AND/OR

☒ If any additional fee for claims is required, charge Account No. 07-1613.

Date: December 2, 2003

Phone: 253-859-9128

Fax: 253-859-8915

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SIGNATURE OF ATTORNEY

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